



ALT10/1200 LED TUBE

Input Voltage:	240V
Max Power Consumption:	16W
Frequency Range:	50hz
Operating Temperature:	31°C
Beam Spread:	120°
Lifespan:	Up to 50,000 hours
Luminous Intensity:	400 Lux
Colours:	White & Warm
Head Diameter:	T10
Length:	1.2 Metre /4ft

ALT8/1200 DESCRIPTION:

The AuzLED 16w-240v ALE10/1200 LEDs have past the EMC test (no RF interference) and complies with AS/NZS3100 Electrical Safety Test, allowing them to be installed in hospitals, medical centres and office buildings equipped with Sensitive electronic equipment.

The ALT10/1200 LED does not have a heat-generating ballast as it runs at a cool temperature thereby reducing air condition costs. An added bonus is that they are shatterproof and shock resistant and don't contain any hazardous mercury that makes them safer to handle and install.

The ALT10/1200 LED tube is designed to provide minimal energy consumption and retrofit into standard Fluro Tombstone fittings. With a lifespan of up to 50,000 hours or 17 years based on eight hour days replacement tube, the ballast plus starter and maintenance costs are reduced enormously.

The 16W-240V ALT10/1200 is the most modern cost and maintenance saving product from Australia's premier designer and manufacture of superior quality 240Volt LED products that suit a wide range of commercial, industrial, hospitality, retail and residential applications.

RUNNING COSTS COMPARED TO ALT10/1200

The cost is calculated on electricity cost of 22.20 cents per kilowatt-hour. Meaning that it costs 22.20 cents per hour for 1000 watts - the running costs include ballast where fitted.

Lamp Type	Power in Watts	Cost in cents per hour	Cost in cents at 24 hours per day	Cost at 365 days per year
2 x Florescent Lamp & Ballast	96	2.13	51.12	\$18.65
2 x ALT10/1200 LED Units	32	0.71	17.04	\$6.22

CARBON EMISSIONS TO THE ATMOSPHERE

To create electricity of 1 kWh (1000 watts for 1 hour) 1.37 pounds of carbon dioxide is given off into the earth's atmosphere in 24 hours for 4 fittings.

Lamp Type	Power in Watts	Pounds of emission in 1 Hour	Pounds in 5 hours	Pounds in 365 days
2 x Florescent Lamp & Ballast	96	0.52	12.48	4,555.20
2 x ALT10/1200 LED Units	32	0.17	4.08	1,489.20

ORDERING DETAILS:

ALT10/1200W WHITE T10/1200 LED TUBE
 ALT10/1200WW WARM WHITE T10/1200 LED TUBE



www.auzled.com.au
info@auzled.com.au

4W-240V ALE2 LED REPLACEMENT LAMP



Input Voltage:	240V
Max Power Consumption:	4W
Frequency Range:	50hz
Operating Temperature:	31°C
Lamp Fitting:	E27
Beam Spread:	60°
Lifespan:	Up to 50,000 hours
Luminous Intensity:	195 Lumens/550 Lux
Colours:	White & Warm
Head Diameter:	80 mm
Height:	117
Weight:	170 gms

ALE2 DESCRIPTION:

The trendy new 4W-240V ALE2 LED is the latest offering from AuzLED's development team, designed to replace the popular R80 mirror backed globe that had been utilised for decades in old and new style 100-mm (4-inch) down light and assorted fittings. The ALE2 was specially designed to eradicate the heat generating and power consuming R80 globe plus the 28-Watt florescent type lamp and ballast. With a lifespan of up to 50,000 hours or 17 years based on eight-hour days replacement globe and maintenance expenses are reduced significantly.

The 4W-240V ALE2 LED has passed the EMC test (no RF interference) and comply with all Australian standards allowing them to be installed in hospitals, medial centres and office buildings equipped with electronic equipment.

The 4W-240V ALE2 LED does not have a heat-generating transformer as it runs at a cool temperature thereby reducing air conditioning costs and the need for heat resistant covers. An added bonus is that they are shatterproof and shock resistant and don't contain any hazardous mercury that makes them safer to handle and install.

The 4W-240V ALE2 LED provides a costeffective form of down lighting that is a money saving alternative to expensive low voltage halogen or florescent globe and ballast lighting costs each month.

OPERATING TEMPERATURE, POWER & LIFESPAN COMPARISONS

	R80 Mirror backed globe	Florescent globe & ballast	LED (Light Emitting Diode) Lamp
Heat generated/globe	170 C	120 C	31 C
Power consumption	100 Watt	28 Watt	4 Watt
Hours / life up to	2,000	5,000	50,000

RUNNING COSTS COMPARED TO ALE2

Calculated on the domestic cost of electricity being charged at 22.20 cents per kilowatt-hour - including GST. Meaning that it costs 22.20 cents per hour for 1000 watts - the comparison running costs include ballasts where fitted.

Lamp Type	Power in watts	Cost in cents per hour	Cost in cents at 8 hours per day	Cost at 365 days per year
R80 Mirror backed globe	100	2.20	11.00	\$64.24
Florescent	28	0.61	4.93	\$17.98
ALE2 LED	4	0.09	0.72	\$2.62

CARBON EMISSIONS TO THE ATMOSPHERE

To create electricity of 1KWH (1000 watts for 1 hour) .37 pounds of carbon dioxide in given off into the earth's atmosphere in 1 hour.

Lamp Type	Power in watts	Pounds of emission per hour	Pounds in 5 hours	Pounds in 365 days
R80 Mirror backed globe	100	0.137	0.685	250.02
Florescent	28	0.038	0.190	69.35
ALE2 LED	4	0.005	0.027	9.85

ORDERING DETAILS:

ALE2W	WHITE
ALE2WW	WARM WHITE

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